

A YU ARDASHEV, et al

Certain properties of a narrow monochromatic optical beam.

RUSSIAN, per, IVUZ RADIOFIZIKA, vol. 11, no. 12, 1968, pp 1848-1851.

FTD 497-69

Frequency Characteristics of Ring Laser on an
Oscillating Base, by V. N. Kuryatov, P. S. Landa.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11, No 12,
1968, pp 1839-1847.
FTD IT Special 141-70

Sci-Phys
June 70

KISLYAKOV, A.G. and others. Wide-band super-heterodyn
radiometers for millimetre wavelengths.
Izv.vyssh.ucheb.Zaved.Radiofiz. 11(12):1791-7 (1968)
(CSIRO/No. 10221)

* AFCL

Quasi-periodical Variations of Sun's Radio-
emission in the 3.3 CM Wavelength, by
M. S. Durasova, G. A. Lavrinov.
RUSSIAN, per, Iz VUZ Radiofizika, Vol 11,
No 12, 1968, pp 1782-1790.
NAS/GSFC/ST-SP-RA-10806-69

Sci-Astron
June 69

383,179

Reflection of a Pulse EM Signal from a Plane
Boundary of an Absorbing Medium, by Yu. A. Medvedev.
RUSSIAN, per, Izvestiya VUZ. Radiofizika, Vol 11,
No 10, 1968, pp 1528-1532.
FTD HT Special 627-69

feb 70

401,010

Signal Matching in a Radio Interferometer with
Independent Receivers, by V. A. Alekseyev, 5 pp.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11, No 10,
1968, pp 1477-1479.

ACSI J-7724

FSTC/IT-23-084-70

FTD Special 243-69

Sci/Nav

Mar 70

404,289

On the Possibility of Self-Focusing of
Electromagnetic Waves in the Ionosphere,
by A. G. Litvak.
RUSSIAN, per, Izvestiya VUZ Radiofizika,
FTD-S-452

Vol. 11, No. 9 - 1968, pp. 13-14

Group 1, 100-100-100-100

77 D. Special 143-69

Mar 69

378,077

Axisymmetrical Excitation of a Cylinder Having
Variable Surface Impedance, by G. D. Malushkov.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11,
No 9, 1968, pp 1410-1422.

ACSI J-7192

FSTC-HT-23-010-70

Sci-Phys

Sept 69

391,281

Fluctuations of the Parameters of a Laser
Light Wave Propagation in the Atmosphere,
by A. S. Gurvich, M. A. Kallistratova.

RUSSIAN, per, Izvestiya VUZ Radiofizika,
Vol 11, No 9, pp 1360-1370.

FTD-S-446

Let. Apical. 107-69

Mar 69

378,071

Electron Concentration Inhomogeneities in
the Ionosphere from Measurements of the
Phase-Difference of Coherent Satellite
Signals, by N. A. Mityakov, Ye. Ye. Mit-
yakova.

RUSSIAN, per, Izv VUZ Radiofizika, Vol 11,
No 9, 1968, pp 1324-1331.
Dept of Navy APL/JHU T-2230

Sci-Phys
Mar 69

378,633

State of the Ionosphere F-Region at
Polar and Middle Latitudes from Explor-
er-22 Radio Signal Measurements, by
N. A. Mityakov, Ye. Ye. Mityakova.
RUSSIAN, per, Izv VUZ Radiofizika, Vol
11, No 9, 1968, pp 1318-1323.
Dept of Navy APL/JHU T-2227

Sci-Atmos
Mar 69

376,338

Decimal Registers Designed with Pulse-position
Elements, by V. I. Korneychuk, L. S. Sitnikov.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11, No 7,
1968, pp 1111-1113.
FTD HT Special 144-70

Sci-Phys
June 70

Development of a Generation Field of a
Giant Ruby Laser Pulse with a Saturating
Filter in a Spherical Resonator, by
A. M. Leontovich, N. M. Popova.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11,
No 6, 1968, pp 945-947.
PTD-S-4561

Add. Special. 228-69

May 69

380,974

Equations of the Correlation Function of a
Wave Beam in a Chaotically Inhomogeneous
Medium, by L. S. Dolin.

RUSSIAN, per, Izv VUZ Radiofiz, Vol 11,
No 6, 1968, pp 840-849.

(94)-69-149-RULL - MIT/Lin Lab

Available from NTC 72-11000-20F

^

June 69

383,187

About the Accuracy of Radioastronomical
Methods in Measuring Antenna Parameters,
by V. B. Tseytlin.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 11,
No 6, 1968, pp 822-853.
~~FTD-6-536~~

For Appendix 217-69

Apr 69

380,865

Investigation of the Moon's Radiowave
Scattering Cross-Section on Models in
the Optical Range, by A. A. Bogdanov.
RUSSIAN, per, Izv VUZ Radiofiz, Vol 11,
No 6, 1968, pp 801-806.
(88)-69-122-RULL - MIT/Lin Lab
Available from NTC

June 69

383,185

Wave Transformation in a Multimode Wave-
guide with Corrugated Walls, by
N. P. Kovalev, I. A. Orlova.

RUSSIAN, per, Izv VUZ Radiofiz, Vol 11,
No 5, 1968, pp 783-786.

FTD-S-400

Info. Special 108-69

Mar 69

376,355

Experimental Investigations of Stable
Variations of the Phase Front of Micro-
waves on Surface Paths, by G. S. Sharygin,
Yu. M. Polishchuk.

RUSSIAN, per, Izv VUZ Radiofizika, Vol
11, No 5, 1968, pp 768-769.

FTD-S-~~549~~ *Int. Special 165-69*

May 69

380,962

The Possibility of Applying an Open Resonator to
Develop a Narrow Band Tuna, by A. Vystavkin.
RUSSIAN, per, Izvestiya VUZ. Radiofizika, Vol 11, No 5,
1968, pp 748-755.
*FSTC-HT-23-1030-72

Dec 71

The Feasibility of Using an Open Resonator in the Development of a Narrow-Band Millimeter and Submillimeter Range Tunable Receiver, by A. N. Wystavkin, V. N. Gubankov. 12 pp. RUSSIAN, per Izvestiya VUZ Radiofizika, Vol 11, No 5, 1968, pp 748-755.
CIA X-7178

jan 70

399,849

Results of Measurements of Some Sources at a Wave
Length of 5.2CM (Reported at the Conference on
Sources of Cosmic Radio Emission), by
L. I. Matveyenko, V. I. Kostenko, 13 pp.
RUSSIAN, per, IVUZ Radiofizika, Vol 11, No 5, 1968,
pp 680-688.
ARM/PSTC/HT-23-623-69

Sci/Phys
Dec 69

397,194

Laser Frequency Conversion By Means of Stimulated
Raman Scattering in Compressed Gases, by O. F.
Butyagin, V. G. Dmitriyov, and G. A. Sharif.
RUSSIAN, per, Izvestiya Uchebnykh Zavodov,
Radiofizika, Vol 11 No 4, 1968, pp 622-623.
~~FTB-S-281~~

Int. Special 248-68

Jan 69

374,215

Maximum Sensitivity of Detectors Based on
Heating and Electron Gas in n-InSb, by
A. N. Vystavkin.

RUSSIAN, per, Izv VUZ Radiofiz, Vol 11,
No 4, 1968, pp 602-610.

(71)-69-38-RULL - MIT/Lin Lab

Available From NTC

June 69

383,191

Analysis of Markov Stochastic Processes
in Linear and Non-linear Systems Using
Analog Computers, by V. D. Razevig.
RUSSIAN, per, Izv VUZ Radiofizika, Vol
11, No 3, 1968, pp 469-474.
Dept of Navy APL/JHU T-2249

Sci-Nat

May 69

380,943

Frequency Spectrum of Cosmic Radio Emission
in the Frequency Range of 1-207 MHz at
High Galactic Latitudes, by G. G. Get-
mantsev.

RUSSIAN, per, Izv VUZ Radiofizika, Vol 11,
No 2, 1968, pp 191-199.

CIA X-6960

Mar 69

378,653

The Coefficient of Reflection of the Upper
Cover of the Moon, by Yu. G. Matveyov.
RUSSIAN, per, Izv VUZ Radiofiz, Vol 11,
No 1, 1968, pp 147-149.
(72)-69-39-RULL - MIT/Lin Lab
Available from NTC

June 69

383,192

The Parameters of Antennas Located above a Semi-conducting Plane Interface, by L. G. Sodin.

RUSSIAN, per, Izvestiya VUZ Radiofizika, Vol 11, No 1, 1968, pp 101-109.

~~FTD-8-272~~

FTD Special 220-68

Jan 69

374,181

Energy Characteristics of Radiation of a Q-switched
Neodymium Laser, by V. I. Beupalov.
RUSSIAN, per, Izvestiya VUZ Radiofizika, Vol 11,
No 1, 1968, pp 84-91.
*FTD HT Special 128-70

May 70

Correlation of Amplitude and Phase Spatial
Fluctuations of Wave Diffracted on Rough Screen,
by Yu. M. Polishchuk. 15 pp.
RUSSIAN, per, Radiofizika, Vol 11, No 1, 1968,
pp 72-83.
ACSI J-7726
FSTC-HT-23-083-70

Sci-Phys
Jul 70

Experimental Investigations of Fluctuations of the
Arrival Angdd of Light in Conditions of Great
Fluctuations of Intensity, by A.S. Gurvich, M. A.
Kallistratova.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy. Radiofizika, Vol 11, No 1, 1968,
pp 66-71.
FEB-8-247

FTS Special 244 / 59-68

Jan 69

374,209

Experimental Studies of the URS-1 Radio Telescope's Multielement Antenna Arrays, by Yu. A. Burk, N. Yu. Goncharov, et al. 23 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy. Radiofizika, Vol 11, No 1, 1968, pp 28-43.

AIR/ETD/AM-24-255-68

sci/navigation
may 69

381,090

Evaluation of Light Depolarization by Turbulent
Inhomogeneities of the Atmosphere, by
V. I. Tatarskiy. 5 pp.
RUSSIAN, per, Izv VUZ Radiofizika, Vol 10, No 22, 1967, pp 1762-1765. Val/O
AIR/FTD/HT-23-736-68

Sci-Atmos Sci
Nov 69

395,909

Aperture Limitations on the Efficiency of
Optical Frequency Doublers, by S. A. Akhmanov,
A. P. Sukhorukov. 24 pp.

RUSSIAN, per, Izv VUZ Radiofizika, Vol 10, ~~no. 1~~ ^{no. 2}
No 12, 1967, pp 1639-1655. 2.10
AIR/FTD/HT-23-736-68

Sci-Phys
Nov 69

395,908

Induced Radiation of Excited Classical Oscillators
and its Use in High-Frequency Electronics, by
A. V. Gaponov, M. I. Petelin.
RUSSIAN, per, Izv VUZ. Radiofizika, Vol 10,
No 9/10, 1967, pp 1414-1453.
Dept of Navy AFL/JHU T-2444

Sci/Phys
July 70

GAPONOV, A.V.

English title unknown.

RUSSIAN, per, IVUZ. RADIOFIZIKA, 1967, Vol. 10,
no. 9-10, pp 1376-1413.

FTD HT 71-170

On Some Question of Electromagnetic Waves'
Diffraction on Plasma Formations, by
V. B. Gil'denburg, Yu. M. Zhidko.
RUSSIAN, par. IYUZ Radiofizika, Vol. 10, No 9-10,
1967, pp 1358-1375. F910146368-V
Sci Tech Info Facility
ST-PP-BAND-AI-10707

Sci-Phys
Jul 68

359,874

A Study of Tropospheric Absorption of Radio
Waves by Radio Astronomy Methods, by
A. G. Kislyakov, K. S. Stankevich, 28 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Radiofizika, Vol. 10, Nos 9-10, 1967,
pp 1244-1265.
JPRS 46,311

Sci/Phys
Sept 68

365,013

Propagation of Centimeter, Millimeter and Sub-
millimeter Radio Waves in the Earth's Atmosphere,
by S. A. Zhevakin, A. P. Naumov, 35 pp.
RUSSIAN, par. Izvestiya Vysshikh Uchebnykh
Zavedoniy, Radiofizika, Vol 10, Nos 9-10, 1967,
pp 1213-1243.
JPRS 46,311

ARM/FSTC/HT-23-18-69

Sci/Ear Sci & Oceanog
Sept 68

365,012

Resolving Power of Highly-Directional Antennas
with a Strongly Fluctuating Field Distribution.
by Yu. A. Kravtsov and Z. I. Freisulin. 17 pp.
RUSSIAN, per. VUZ. Izv Radiofizika. Vol 10,
No 8, 1967, pp 1131-1140.
Dept of Navy/APL/JHU T-2123

Sci-Phys
May 68

356,212

Spikes of a Nonstationary Random Process,
by G. A. Andreyev, 11 pp.
RUSSIAN, per, Investiya Vysshikh Uchebnikh
Zavedeniy, Radiofizika, Vol 10, No 8, Aug
1967, pp 1123-1130.
JPRS 43551

USSR
Sci-Physics
Jan 68

347,372

Rotational Absorption Spectrum of Water
Vapour Molecules in an Excited Oscilla-
tory State, by A. P. Naumov.
RUSSIAN, per, Izv VUZ Radiofiz, Vol 10,
N o 8, 1967, pp 1115-1122.
NLL Ref: 5828.4F (12898)

Sci-Phys
Mar 69

377,270

Reflection of Electromagnetic Waves From an
Ionization Front, by V. I. Somenova. 14 pp.
RUSSIAN, per, Izvestiya VUZ. Radiofizika, Vol 10,
No 8, 1967, pp 1077-1086.
FTD S-788

FTD Special 463-69
463-69

aug 69

388,560

Results of an Investigation of the Polar Ionosphere by Radio Signals from Explorer-22, by
E. E. Mityakova & N. A. Mityakov.
RUSSIAN, per, VUZ, Izv. Radiofizika, Vol 10,
No 8, 1967, pp 1076-1078.
Dept of Navy/ APL/JHU T-2085

Sci/Astron
Feb 68

349.567

Backward Scattering of Sound and Radio
Waves by Irregular Ripple, by
A. I. Kalmykov, A. D. Rozenberg.
RUSSIAN, per, Izv VUZ Radiofizika, Vol
10, No 6, 1967, pp 797-802.

~~INTD-S-539~~

Int. Special 140-69

May 69

380,892

Izvestiya VUZ. Radiofizika, Vol 10, No 5, 1967,
pp 599-736.

Full tr by Faraday Press, pp 325-404.

Available Ly Serials

CIA x 6498 pp 658-665

Dec 70

Last Copy

Investiya VUZ. Radiofizika, Vol 2, No 5, Sept-Oct
1966, pp 849-1041.

Full tr by The Faraday Press

Available at Ly Serials

AP. 667-671 - * DEPT OF NAVY/APL/JHU J. 929

AP. 849-853 - NASH TTF-10, 071

AP. 1020-1028 - AIR/FTD/MT-24-154 6P

AP. 876-887 - * AFCL

Aug 69

On a Model of Inhomogeneous Magnetization
in the Theory of Spin-Wave Resonance in a
Thin Ferromagnetic Film, by V. M. Sokolov,
B. A. Tavger.

RUSSIAN, per, Izv VUZ Radiofizika, Vol 9,
No 2, 1966, pp 308-313.

CIA X-6852

Jan 69

373,263

Izv VUZ Radiofizika, vol viii, no 3 may/jun
1965, pp 437-635.

Full tr by Faraday Press

Available at Ly Serials

Jun 66

Izv VUZ. Radiofizika, vol viii, no 2 mar/apr
1965, pp 219-424.

Full tr by Faraday Press

Available at Ly Serials

May 66

Izv VUZ MViSSO SSR, Radiofizika, vol viii,
no 2, mar, apr 1965, pp 219-424

Full tr by JPRS 31488

aug 65

Izv VUZ MViSSO SSSR, Radiofizika, vol viii,
no 1, Jan, Feb 1965, pp 7-209

Full tr by JPRS 30776
30938

Jul 65

(ALSO FARADAY PRESS)

Izvestiya VUZ. Radiofizika, will be done Cover-to-Cover
by Plenum Press instead of Faraday Press.

Nov 71

Quality Criteria For the Design of Discrete-Action
Microelectronic Devices, by V. N. Ustyushaninov,
8 pp.
RUSSIAN, per, Izvestiya Vuzov SSSR, Radioelektronika,
Kiev, Vol 15, No 6, 1972, pp 699-704.
JPRS 57142

Oct 72

Cross Polarized Radiation of Convex Spherical
Antennas With Counterphase Field Distribution,
by A. Yu. Grinev, 11 pp.
RUSSIAN, per, Izvestiya VUZ, Radioelektronika,
Kiev, Vol 15, No 3, 1972, pp 308-314.
JPRS 56743

Aug 72

Deflection of Electron Fluxes in a Periodic Magnetic
Field, by K. A. Sukach.
RUSSIAN, per, Izv VUZ, Radioelektronika, Vol 15, No 1,
1972, pp 118-121.
NAVY/APL/JHU-T-2658

Nov 72

Requirements for Parameters of Opto-Acoustical
Processor of Signals of Phased Antenna Arrays,
by B. V. Ivanoske, 7 pp.
RUSSIAN, per, Izvestiya Vuz SSSR -- Radioelektronika,
Vol 15, No 1, 1972, pp 46-51.
JPRS 56221

June 72

Optimum Reception of an FM Radio Signal on a
Background of White Noise and Narrow-Band AM
Jamming, by Yu. N. Babanov, S. G. Manukyan, 12 pp.
RUSSIAN, per, Izvestiya Vuzov SSSR-Radioelektronika,
Kiev, Vol 14, No 12, Dec 1971, pp 1502-1508.
JPRS 55786

May 72

General Purpose Modular Waveguide Assembly, by
A. V. Kislyakovskiy, N. G. Vedop'yancv, 9 pp.
RUSSIAN, per, Izvestiya VUZ, Radioelektronika,
Moscow, Vol 24, No 10, 1971, pp 1130-1136.
JPRS 57102

Oct 72

REQ TR CHECK

26-6-35

TFR9

M-TYPE AMPLIFIER WITH A STEPWISE VARIATION
OF THE NEGATIVE ELECTRODE
LEBEDEV, I. V., KONDRATOVSKII, I. S.
UR-IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.
RADIOELEKTRONIKA, Vol. 14, Sept 1971,
pp 1062-1066

*Process in us**HS 72-23-1416**neg
12 JUL 72*

Determination of Signal/Clutter Ratio, by
A. M. Taras'din, 11 pp.
RUSSIAN, per. Izvestiya Vuzov SSSE, Radioelek-
tronika, Kiev, Vol 14, No 8, 1971, pp 852-866.
JPRS 54365

Nov 71

Application of the Theory of Wideband Communications
Systems to Continuous Signals, by
K. B. Chalyshov, V. K. Petrov, 8 pp.
RUSSIAN, par. Izvestiya Vuzov SSSR -- Radio-
elektronika, Moscow, Vol 14, No 3, 1971,
pp 633-639.
JPRS 54044

Sept 71

Conditions for Wideband Excitation of Hypersonic
Waves, by A. B. Vlasov, N. M. Chirkin. 6 pp.
RUSSIAN, per. Inventive Vsesoyuzskoye Radio-
elektronika, Moscow, Vol 14, No 6, 1971,
pp 601-603.
JPRS 54064

Sept 71

Analysis of a Doppler Frequency-Shift Simulator,
by A.P. Dyatlov,
RUSSIAN, per. Izv VUZ Radioelektronika, Vol 14,
No 5, 1971, pp 544-552.
APL/JHU-T-2583

Mar 72

Rank Detector of Fluctuating Signals in Noise of
Unknown Distribution, by V.A. Bogdanovich,
RUSSIAN, per. IZv. VUZ Radioelektronika,
Vol 14, No 5, 1971, pp 522-527.
APL/JHU-T-2605

Apr 72

REQ TR CHECK

26-6-30

TFR4

ORDER DETECTOR OF FLUCTUATING SIGNALS IN
NOISE OF UNKNOWN LEVEL
BOGDANOVICH, V. A., PROKOFYEV, V. N.
UR-KIEV, IZVESTIYA VYSSHIKH UCHEBNYKH
ZAVEDENIY, RADIOELEKTRONIKA ARTICLE,
Vol XIV, No 2, 1971, pp 188-191

*Process in us**HS 72-23-1414**Neg
12 Jul 72*

Technological Process Synthesis in the Manufacture
of Integrated Circuits, by L. N. Kolesov, 17 pp.
RUSSIAN, per, Izvestiya Vuzov SSSR -- Radio-
elektronika, Kiev, Vol 14, No 2, Feb 1971,
pp 123-134.
JPRS 53078

May 71

REQ TR CHECK

1-12-16

TY17

METALLIC FILM TRIMMER RESISTORS

VLASOV L G

UR: IVUZ. RADIOELEKTRONIKA, 1971, vol 14,
nr 1, pp 103-104*c/c Faraday Press**In process as**MS-24-72-0249*

REQ TR CHECK

1-12-8

TY04

MEASURING INFRARED NOISE OF MOS TRANSISTORS
BY THE FREQUENCY TRANSFORMATION METHOD
KAKOVKIN V V; ZAYTSEV B D
UR: IYUZ. RADIOELEKTRONIKA, 1971, vol 14,
nr 1, pp 67-71

*C/c Faraday Press**In process A>**MS-24-72-0247*

V. A. Lyashchenko

The Parameters of a Slot Emitter on a -Waveguide.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh

Zavedenii. Radioelektronika, Vol 14, 1971,

pp 49-55

NTC 72-13432-20N

Oct 72

Radio Line for Short Range Communications in
the Millimeter Band, by V. G. Timoshenko, 9 pp.
RUSSIAN, per. Ivestiya VUZ, Radioelektronika,
Kiev, Vol 14, No 1, 1971, pp 34-39.
JPRS 52977

Sci-Elec
May 71

QUASI-OPTICAL POLARIZATION PHASE SHIFTER

YANOVSKIY, A. S. LANGUAGE=RU COUNTRY=UR

IZVESTIYA VOZDUKH SSSR=RADIOELECTRONICS, VOL 13
NO 1, 1970 PP1199-1204

ENTRANCE=7/3/70 1970/7/3

Alfayev, V. N.
Cryogenic Electronics
RUSSIAN, per, Izv VUZ. Radioelektronika, vol
13, no 10, pp 1163-1175.
NAVY/APL/JHU-T-2571

Nov 71

REQ TR CHECK

20-4-55

TE14

SPECIALIZED ELECTRONIC COMPUTER FOR
EVALUATING MATRIX DETERMINANTS AND MINORS
BAZILEVICH R P

UR: IVUZ. RADIOELEKTRONIKA, 1970, vol 13
nr 6, pp 710-715

In process As
MS-24-71-0913

Neg
26 MAR 71

REQ TR CHECK

20-4-56

TEL5

GRAPHICAL LINK BETWEEN THE OPERATOR AND A
DIGITAL COMPUTER DURING AUTOMATIC DESIGN
IN ELECTRONICS

SIGORSKIY V P

UR: IVUZ. RADIOELEKTRONIKA, JUN 1970
vol 13, nr 6, pp 686-692

*In process AS**MS-24-71-0927**N89
26 APR 71*

JPRS 51,389
RUSSIANCSO: 0500/71 W
1 Sep 70 SF

Low power planar thyristor produced by the successive triple diffusion method, by G. F. Belova, V. A. Kuz'min, et. al.

Kiev, Izvestiya VUZ, Radioelektronika, Vol 13 no 5, 1970, pp 620-624.

Please publish - include reproduction.

Ion Bombardment as a Method of Fabricating
Multilayer Semiconductor Devices, by
P. V. Pavlov, V. K. Vasil'yev, 16 pp.
RUSSIAN, per, Izvestiya VUZ SSSR. Radioelek-
tronika, Kiev, vol 13, no 4 1970, pp 493-505.
JPRS 52565

SCI-PHYS
MAR 71

REQ TR CHECK

1-12-5

TY06

THE STATE AND DEVELOPMENT TRENDS OF
OPTOELECTRONICS
SVECHNIKOV S V

UR: IVUZ. RADIOELEKTRONIKA, 1970, vol 13,
nr 4, pp 461-481 ???

c/c Faraday Press
In process as
MS-23-71-2070

Basiladze, S. G.

Computing Integral Recording and Counting
Systems with MOS Transistors of One Type,
RUSSIAN, per, IVUZ. RADIOELEKTRONIKA, 1970,
vol 13, nr 3, pp 381-388
FTD-HT-Special 71-117

apr 71

Oravskii, I. N.

Noise and Sensitivity of Light Amplifier at a
P-N Junction in Gallium Arsende.

RUSSIAN, per, Izv., VUZ. Radioelektronika,
vol 13, 1970, pp 309-311.

NTC 71-13619-09C

feb 72

Stashuk, L. D.

Synthesis and Optimal Filtering of Wide-Band
Signals by Dispersive Ultrasonic Delay Lines
and the Potential Noise-Stability of Analog
Transmission of Information Using These Signal
RUSSIAN, per, Izv., VUZ, Radioelektronika,
vol 13, no 3, 1970, pp 299-308.
Dept of Navy APL/JHU T-2486

sci-elec
jan 71

Gatkiy, N. G.

Detection of a Signal With an Unknown Initial
Phase in a Background of Non-Stationary Noise
RUSSIAN, per, Izv., VUZ, Radioelektronika,
vol 13, no 3, 1970, pp 293-298.
Dept of Navy RPL/JHU T-2474

sci-mech

Chapurskiy, V. V.

Analysis Technique in Scanning Search Systems.

RUSSIAN, per, Izv. VUZ, Radioelektronika,

vol 13, no 3, 1970, pp 283-293.

*Dept of Navy APL/JHW T-1544

sci-aeo

Nov 70

Likharev, V. A.

Digital Methods of Range Finding and Selection
of Moving Targets, 18 pp.

RUSSIAN, per, Izvestiya VUZ SSSR -- Radioelek-
tronika, Kiev, vol 13, no 2, 1970, pp 192-204.
JPRS 51136

sci-elec
aug 70

Dolgochub, V. T.

Optimization of the Reciprocal Ambiguity Function in a Given Region. 8 pp.

RUSSIAN, per, Izvestiya VUZ SSSR -- Radioelektronika, Kiev, vol 13, no 2, 1970, pp 186-191.

JPRS 51136

sci-elec
aug 70

Bogdanovich, V. A.

Optimum Detector of Signals in Unknown Noise.
RUSSIAN, per, Izv., VUZ, Radioelektronika,
vol 13, no 2, 1970; pp 128-131,
DEpt of Navy APL/JHU T-2495

sci-elec

Prokof'ev, V. N.

Non-Coherent Detection of Fluctuating Signals
in Noise of Unknown Intensity.

RUSSIAN, per, Izv. Vuzov SSSR, Radioelektroni-
ka, vol 13, no 2, 1970, pp 122-126.

Dept of Navy/APL/JHU T-2488

sci-elec
jan 71

Varakin, L. Ye.

Problem of the Criterion of Complex Signal
Synthesis. 7 pp.

RUSSIAN, per, Izvestiya VUZ SSSR -- Radio-
elektronika, Kiev, vol 13, no 2, 1970, pp 181-
185.

JPRS 51136

Sci-Elec
Aug 70

REQ TR CHECK

17-11-5

BR70-2202

Superwideband antenna

Ivanov, I.T.

Russ: Radioelektronika, vol. 13, jan 1970

pag. 74-76

*In process As
HT-23-71-21**Neg
7 Dec 70*

REQ TR CHECK

22-4-12

TE30

ESTIMATE OF COMMUNICATION EFFICIENCY IN
MULTIPATH CHANNELS

DAVYDOV A M

UR: IVUZ. RADIOELEKTRONIKA, JAN 1970,
vol 13, nr 1, pp 65-67

In Process As

HS-23-71-0664

*Neg
36 APR 71*

Basiladze, S. C.

Calculating the Parameters of a Memory Sub-system with an MOS Transistor of a Single Type
15 pp.

RUSSIAN, per, Izvestiya Vuzov SSSR Radioelektronika, Moscow, vol 13, no 1, 1970, pp 3-11.
JPRS 50654

sci-elec
june 70

Operational Range of Side-Scan Radars, by
I. M. Baranov.
RUSSIAN, per, Izv VUZ. Radioelektronika, Vol 12,
No 12, 1969, pp 1473-1475.
Dept of Navy APL/JHU T-2450

Sci/Elect
Sept 70

A Method for Determining the Fourier Coefficients,
by V. G. Kriksunov, A. S. Tetel'baum.
RUSSIAN, per, Izv VUZ. Radioelektronika, Vol 12,
No 12, 1969, pp 1460-1462.
Dept of Navy APL/JHU T-2468

June 71

The Effect of the Plasma Sheath Surrounding a
Flight Vehicle on the Effective Range of Radar,
by V. F. Mikhaylov. 5 pp.
RUSSIAN, per, Radioelektronika (Radio Electron-
ics), Vol 12, No 10, 1969, pp 1238-1240.
AIR/FTD/HT-23-15-71

July 71

REQ TR CHECK

31-3-3

TB27

HYBRID INTEGRATED CIRCUIT HEAD AMPLIFIER
FOR READOUT FROM MAGNETIC DRUMS
KOROBAYNIKOV P V: MINNIGULOV I A
UR: IVUZ. RADIOELEKTRONIKA, vol 12, nr 10,
pp 1228-1230, Oct 1969

*In process as
AT Special 71-155*

*neg
4/14/69*

REQ TR CHECK

20-4-34

TD91

ENGLISH TITLE UNKNOWN

GURFEYN RE: MOLOKOVSKIY S I

UR: IVUZ. RADIOELEKTRONIKA, 1969, vol 12,
nr 9, pp 1068-1076*In process AS**HS-23-71-0659**Neg
96 APR 71*

REQ TR CHECK

20-4-31

TD88

ENGLISH TITLE UNKNOWN

KOTSERZHINSKIY B A

UR: IVUZ. RADIOELEKTRONIKA, vol 12, nr 9,
1969, pp 1057-1062

In process As

HS-23-71-0660

*Neg
26 APR 71*

K. P. Burneyka

Two-cavity Klyatron paramotor optimisation. 7 pp.
RUSSIAN, Izv. VUZ. Radioelektronika, Vol 12, No 9, 1969
pp 1018-1022
AIR/FTD-HT-23-1196-72

nov 72

Low-power Microwave Electron Generators,
by M. B. Golant, 15 pp.

RUSSIAN, per, Izvestiya VUZOV SSSR -- Radio-
elektronika, Kiev, Vol XII, No 9, 1969, pp 950-
961.

JPRS 49569

Sci-Elec
Jan 70

400,503

Design of General Purpose Feed Logic Circuits, by
V. D. Baykov, and A. N. Karmazinskiy.
RUSSIAN, per, IVUZ, Radioelektronika. Vol 12,
No 8, Aug 1969, pp 936-940.
FTD HT Special 405-70

sci.
feb 71